

# Management optimal efficiency of water unusual resources in rearing rainbow trout (*Oncorhynchus mykiss*)

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## Abstract

Optimal use of unbreakable land due to salinity and non-sweet water resources, for breeding different types of fish, especially fish in the appropriate seasons, while reducing the pressure of limited fresh water resources of the country, can provide a good basis for employment and fish production in many. Provided from the country's prime locations. The present study aims to exploit the potential of unconventional water (up to 14 ppt salinity) in aquaculture of the country and promote its productivity especially in the rainbow trout industry in remote areas and to assess the potential of rainbow trout breeding. The arc was in this blue condition. This research was carried out in 3 soil ponds using fish weighing 32-32g in average over a period of 5 months in an area of 9000 square meters. The results confirmed the possibility of managing non-conventional water resources (lobster) in rainbow trout, producing a fish with an average weight of 470 grams and a final production of 20 tons.

**Keywords:** rainbow trout, unconventional water, rearing, management